

Amendments To The Claims

This listing of claims will replace all prior versions of the claims in the application:

1. (currently amended) A method for preparing an electrically conductive composite comprising the steps of:

(a) mixing carbon nanotubes with a polymer emulsion, said emulsion comprising a liquid and a polymer selected from the group consisting of polyvinylidene fluoride and copolymer of vinylidene fluoride and another monomer; and

(b) removing said liquid to form a composite comprising said nanotubes and said polymer, wherein said nanotubes have a diameter less than about 100 nanometers.

2. (original) The method of claim 1, wherein the liquid is water.

3. (original) The method of claim 1, wherein said removing step is performed by evaporating said liquid.

4. (original) The method of claim 1, wherein said mixing step is performed with a high shear blender.

5. (original) The method of claim 1, wherein said mixing step is performed with a Waring blender.

6. (original) The method of claim 1, wherein said monomer is selected from the group consisting of hexafluoropropylene, polystyrene, polypropylene, chlorotrifluoroethylene, tetrafluoroethylene, terpolymers or olefins.

7. (original) An electrically conductive composite made by the method of claim 1.